

## Appendix H: Non-Validation Worthy Equipment

The following equipment and components are designated non-validation worthy due to their non-critical nature, low failure rate, commonality, or ease of replacement and repairability. This list is not all-inclusive and recommendations for additions, deletions, or changes may be submitted to MAR-614.

Access closures - manually operated (doors, hatches and scuttles)  
Accumulators, receivers, flasks, for air, refrigerant, and other fluids  
AC/DC power supplies integral to equipment  
Air conditioning units, stateroom porthole type  
Amplifiers integral to an equipment  
Anchors, anchor chain, and lines  
Battery chargers, unless installed  
Batteries, portable  
Bells associated with an alarm system  
Circuit breakers, less than 100 amps  
Computers not integral to a system  
Connectors  
Controlled Material items  
Cooling coils, air duct type  
Couplings, with the exception of those that are part of the main propulsion shafting, main turbines, generators, and diesel engines  
Cylinders for watertight doors  
Dial telephone sets  
Dimmers/rheostats - controlling status board lights  
Distribution boxes  
Electrical connection boxes  
Exciters, except power generator exciters  
Expansion joints and flexible pipe couplings  
Fans and brackets, open-bladed, bulkhead mounted, and portable filters  
Fuse boxes  
Gauges and meters  
Header assemblies  
Heaters for habitability spaces  
Household type washers and dryers  
Indicators, sight liquid  
Interconnecting boxes  
Junction boxes  
Lighting, with the exception of navigation, aircraft facility, special cargo installations, and searchlights  
Nozzles, firehose type

Office equipment  
Panels, with the exception of control and monitoring panels for critical systems such as vessel's whistle, fire fighting systems, main engine controls, boiler controls, salinity indicating systems, and alarm panels  
Plotting boards - other than tactical display  
Plumbing fixtures  
Portable galley equipment  
Portable equipment, with the exception of materials handling equipment such as forklifts  
Radio frequency filters  
Relay and relay arms - other than reverse current (type CON and CRN)  
Shop equipment  
Solenoid, valve  
Sprinkler heads  
Strainers  
Stuffing boxes  
Switch boxes  
Switches  
Tanks, miscellaneous  
Tank level indicators  
Terminal boxes  
Thermometers  
Transformers - other than power distribution and lighting  
Traps  
Urinals/water closets/lavatories  
Valves less than four inches, except fuel oil emergency shut-off valves, boiler safety valves, and blow-off valves, and hydraulic/air/electric motor-operated valves  
Ventilation motors under 3 horsepower, and associated fans, controllers, and heat exchangers; except those installed to ventilate engine rooms, machinery spaces, cargo spaces, flammable storage, battery storage, and charging rooms, and other hazardous spaces.